

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 2	ATTORNEY DOCKET NO.		SERIAL No.
	6268-004/NP		107542209
	APPLICANT		
	Kengo NAGATA, et al.		
	FILING DATE	GROUP	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		2003/0074669 A1	04/17/2003	Kobayashi et al.		

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.		05-035624 A	02/12/1993	JP		Yes
2.		2002-064459 A	02/28/2002	JP		Yes
3.		2003-101604 A	04/04/2003	JP		*
4.		09-055776 A	02/25/1997	JP		Abstract
5.		11-154989 A	06/08/1999	JP		Abstract

\* JP 2003-101604 A corresponds to US 2003/0074669 A1

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		International Standard ISO/IEC 8802-11 ANSI/IEEE Std 802.11, 1999 edition, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications
2.		IEEE Std 802.11-1997, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications
3.		Low-powered Data Communication System/Broadband Mobile Access Communication System (CSMA) standard, ARIB STD-T71 version 1.0, Association of Radio Industries and Businesses (with English Translation)

Examiner: /Mohammad Adhami/	Date Considered: 05/29/2009
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
4.		Kurosaki et al., "1000Mbit/s SDM-COFDM over MIMO Channel for Broadband Communications", Technical Report of the Institute of Electronics, Information and Communication Engineers, A P2001-96, RCS2001-135
5.		Iizuka et al., "5 GHz Wireless LAN System Based on the IEEE 802.11a standard - Packet Transmission Characteristics - ", B-5-124, Proceedings of the Electronics Information and Communication Engineers, Society Conference 2000 (with English Translation)

Examiner: /Mohammad Adhami/	Date Considered: 05/29/2009
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.A./